

Product Datasheet

GE1021 - Insulin Human, recombinant

Product Details

Product Name	Insulin Human, recombinant
Glentham Code	GE1021
CAS Number	11061-68-0
EINECS	234-279-7
MDL Number	MFCD00131380
Related Categories	Reagents for Cell Culture

Assay	: ≥ 27.5 IU/mg (dried basis)
Assay	: 95.0 - 105.0 % (dried basis)
Total Plate Count	: ≤ 300 CFU/g
Bacterial Endotoxins	: ≤ 10 IU/mg
Pharmacopoeia Specification(s)	: USP, EP
Version	: v1.0

About Insulin Human, recombinant

No further details on record.

Structure

Molecular Weight	: 5807.57
Molecular Formula	: $C_{257}H_{383}N_{65}O_{77}S_6$

Storage

Recommended storage temperature: -20°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

Glentham Product Specification

Physical Description	: White to off-white powder
Identification	: A, B according to USP
Individual Impurities	: High molecular weight proteins: $\leq 0.4\%$: A-21 desamido insulin: $\leq 1.0\%$: Insulin related proteins: $\leq 1.0\%$
Zinc (Zn)	: $\leq 0.6\%$ (dried basis)
Loss on Drying	: $\leq 10.0\%$
Residue on Ignition	: $\leq 2.0\%$

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